

121503  
16805 U.S. PTO

PATENT  
Atty. Dkt. No. WEAT/0528

31353 U.S. PTO  
10/735918  
121503

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Customer No. 36,735

### CERTIFICATE UNDER 37 CFR 1.10

I hereby certify that this transmittal and the documents referred to as attached therein are being deposited on December 15, 2003 with the United States Postal Service in an envelope as "Express Mail Post Office to Addressee," mailing label No. EV335470039US addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

15 December 2003 *Kyle D. Cummings*  
Date Signature

### REQUEST FOR FILING A PATENT APPLICATION UNDER 37 CFR 1.53(b)

This is a request for filing the following continuing application for a prior application:

- ☐ Continuation
- ☐ Divisional
- ☒ Continuation-in-part
- ☐ attached is an amendment for added subject matter
- ☐ Continuing application to permit consideration of an information disclosure statement under 37 CFR 1.97

### PARTICULARS OF PRIOR APPLICATION

Application Serial No.: 10/189,570

Confirmation No.: 4673

Filed: July 6, 2002

Title: Installation of One-Way Valve After Removal of  
Retrievable Drill Bit to Complete Oil and Gas Wells

Priority information: U.S. Patent Application Serial Number 10/189,570 is a continuation-in-part of U.S. Patent Application Serial No. 10/162,302 filed on June 4, 2002. U.S. Patent Application Serial Number 10/162,302 is a continuation-in-part of U.S. Patent Application Serial Number 09/487,197 filed on January 19, 2000, now U.S. Patent Number 6,397,946. U.S. Patent Number 6,397,946 is a continuation-in-part of U.S. Patent Application Serial

Number 09/295,808 filed on April 20, 1999, now U.S. Patent Number 6,263,987. U.S. Patent Number 6,263,987 is a continuation-in-part of U.S. Patent Application Serial Number 08/708,396 filed on September 3, 1996, now U.S. Patent Number 5,894,897. U.S. Patent Number 5,894,897 is a continuation-in-part of U.S. Patent Application Serial Number 08/323,152 filed on October 14, 1994, now U.S. Patent Number 5,551,521.

Name(s) of applicant(s) (as originally filed and as last amended) and the current correspondence address and country of citizenship for each:

Sole or First Inventor:

Name: William Banning Vail, III

Residence: 3123 198<sup>th</sup> Place S.E., Bothell, WA 98012

Country of Citizenship: USA

Post Office Address: same as above

**INVENTORSHIP STATEMENT**

- (a) ☐ This application discloses and claims only subject matter disclosed in the prior application whose particulars are set out above, and the inventor(s) in this application are:
- ☐ the same
- ☐ less than those named in the prior application, and it is requested that the following inventor(s) for the prior application be deleted:
- (b) ☒ This application discloses and claims additional disclosure and a new declaration or oath is being filed. With respect to the prior application whose particulars are set out above, the inventor(s) in this application are:
- ☒ the same
- ☐ not the same, and are listed in the attached new declaration or oath filed herewith.
- (c) ☐ The inventorship for all the claims in this application is:
- ☐ the same
- ☐ not the same; and an explanation, including the ownership of the various claims at the time the last claimed invention was made, is submitted.

### DECLARATION OR OATH

- ☐ Continuation or Divisional (copy of original Declaration/Oath is attached)
- ☒ Continuation-in-part
- ☒ Attached, and executed by:
- ☒ inventor(s)
  - ☐ legal representative of inventor(s) (37 CFR 1.42 or 1.43)
  - ☐ joint inventor or person showing a proprietary interest for inventor who refused to sign or cannot be reached (37 CFR 1.47)
  - ☐ This is the petition required by 37 CFR 1.47 and the statement required by 37 CFR 1.47 is also attached.
- ☐ Not attached
- ☐ Application is made by a person authorized under 37 CFR 1.41(c) on behalf of all of the above-named applicant(s).
  - ☐ Attached is a showing that the filing is authorized.

### IDENTIFICATION OF CLAIMS FOR FURTHER PROSECUTION

- ☒ The fees to be charged are to be based on the number of claims remaining as a result of the:
- ☐ attached preliminary amendment
  - ☐ cancellation of claim(s)
  - ☒ claims in the application

### FEE CALCULATION (37 CFR 1.16)

|   | NUMBER OF<br>CLAIMS FILED | LESS NUMBER<br>PAID BY BASIC<br>FEE | NUMBER OF<br>EXTRA CLAIMS<br>(Not less than<br>zero) | LARGE ENTITY<br>FEE |
|---|---------------------------|-------------------------------------|--|---------------------|
| Basic Fee   |                           |                                     |  | \$770.00            |
| Total Claims  | 5                         | - 20 = 0                            | X \$18.00 =  | \$ .00              |
| Independent Claims                                    | 4                         | - 3 = 1                             | X \$ 86.00=  | \$ 86.00            |
| First Presentation of Multiple Dependent Claims + \$. |                           |                                     |  | -0-                 |
| Total Filing Fee Calculation                          |                           |                                     |  | \$856.00            |

### PETITION FOR SUSPENSION OF PROSECUTION FOR THE TIME NECESSARY TO FILE AN AMENDMENT

- ☐ There is provided herewith a Petition for Suspension of Prosecution for the Time Necessary to File an Amendment (37 CFR 1.103) – New Application Filed Concurrently

#### FEE PAYMENT BEING MADE AT THIS TIME

- ☐ No filing fee is submitted
- ☒ Filing Fee \$856.00
- ☐ Recording Assignment [37 CFR 1.21(h)] \$ 40.00
- ☐ Petition fee for filing by other than all the inventors or person not the inventor where inventor refused to sign or cannot be reached [37 CFR 1.47 and 1.17(h)] \$130.00
- ☐ Processing and retention fee [37 CFR 1.53(d) and 1.21(l)] \$130.00
- ☒ Please charge Deposit Account No. 20-0782/WEAT/0528.P1/WBP in the amount of: \$856.00  
(A duplicate copy of this request is enclosed)

#### AUTHORIZATION TO CHARGE ADDITIONAL FEES

- ☒ The Commissioner is hereby authorized to charge the following additional fees which may be required by this paper and during the entire pendency of this application, to **Deposit Account No. 20-0782/WEAT/0528.P1/WBP.**
- ☒ 37 CFR 1.16(a), (f) or (g) (filing fees)
- ☒ 37 CFR 1.16(b), (c) and (d) (presentation of extra claims)
- ☐ 37 CFR 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- ☐ 37 CFR 1.17 (application processing fees)

- ☐ 37 CFR 1.18 [issue fee at or before mailing of Notice of Allowance, pursuant to 37 CFR 1.311(b)]

### INSTRUCTIONS AS TO OVERPAYMENT

- ☒ **Credit Deposit Account No. 20-0782/WEAT/0528.P1/WBP.**

### PRIORITY 35 USC 119

- ☐ Priority of application Serial No. \_\_\_\_\_ filed on \_\_\_\_\_ in \_\_\_\_\_ is claimed under 35 USC 119.
- ☐ The certified copy has been filed on \_\_\_\_\_ in prior U.S. Application Serial No. \_\_\_\_\_, which prior application was filed on \_\_\_\_\_.
- ☐ Certified copy will follow.

### RELATE BACK 35 USC 120

- ☐ Amend the specification by inserting before the first line the sentence:
- “This is a
- ☐ divisional
- ☐ continuation
- ☐ continuation-in-part
- of copending application(s)
- ☐ Serial No. \_\_\_\_\_ filed on \_\_\_\_\_.”
- ☐ International Application \_\_\_\_\_ filed on \_\_\_\_\_ and which designated the U.S.”

### ASSIGNMENT

- ☐ The prior application is assigned of record to: \_\_\_\_\_.
- ☒ An assignment of the invention to Weatherford/Lamb, Inc. is attached.
- ☒ Form PTO 1595 (Recordation Form Cover Sheet) is also attached (**in duplicate**).

### POWER OF ATTORNEY

- ☒ The power of attorney in the prior application is to: \_\_\_\_\_.

|                      |                         |
|----------------------|-------------------------|
| William B. Patterson | Registration No. 34,102 |
| B. Todd Patterson    | Registration No. 37,906 |
| Keith M. Tackett     | Registration No. 32,008 |
| Gero G. McClellan    | Registration No. 44,227 |
| Peter L. Brewer      | Registration No. 41,636 |
| Kyla D. Cummings     | Registration No. 50,682 |
| Jason C. Huang       | Registration No. 46,222 |
| David M. Haugen      | Registration No. 53,000 |

Send correspondence to:

Direct telephone calls to:

William B. Patterson  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd. Suite 1500  
Houston, TX 77056

William B. Patterson  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
(713) 623-4844

- ☐ The power appears in the original papers in the prior application.
- ☐ The power does not appear in the original papers, but was filed on \_\_\_\_.
- ☒ A new power has been executed and is attached.
- ☒ Address all future communications to:  
William B. Patterson  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
3040 Post Oak Blvd. Suite 1500  
Houston, TX 77056

Direct telephone calls to:  
William B. Patterson  
MOSER, PATTERSON & SHERIDAN, L.L.P.  
(713) 623-4844

#### MAINTENANCE OF COPENDENCY OF PRIOR APPLICATION

- ☐ A petition, fee and response has been filed to extend the term in the pending prior application until . **(copy attached)**

#### CONDITIONAL PETITION FOR EXTENSION OF TIME IN PRIOR APPLICATION

- ☐ A conditional petition for extension of time is being filed in the pending prior application. **(copy attached)**

#### ABANDONMENT OF PRIOR APPLICATION

- ☐ Please abandon the prior application at a time while the prior application is pending or when the petition for extension of time or to revive in that application is granted,

and when this application is granted a filing date, so as to make this application copending with said prior application. At the same time, please add the words "now abandoned" to the amendment to the specification set forth in the "Relate Back-35 USC 120" section (page 5).

### INFORMATION DISCLOSURE STATEMENT

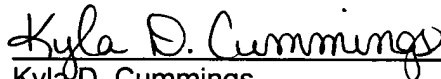
☐ Submitted herewith is an Information Disclosure Statement.

### DOCUMENTS SUBMITTED HEREWITH

☒ Submitted with this Request for Filing a Patent Application Under 37 CFR 1.53(b),  
please find:

- 1) Patent application cover sheet, including Certificate of Mailing Under 37 CFR 1.10 — 1 page
- 2) Patent specification — 192 pages;
- 3) Claims — 4 pages, including 5 claims;
- 4) Abstract — 1 page;
- 5) Drawings — 28 sheets, including Figures 1-18C;
- 6) Combined Declaration and Power of Attorney — 3 pages;
- 7) Assignment Recordation Form Cover Sheet — 1 page;
- 8) Assignment — 2 pages; and
- 9) Return Postcard.

Respectfully submitted,



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